60 v. I E pay on Popul March 23 Cholera Infantum Lewis Millis dr Fredericksburg Virginia

Who disease of which I intend to give a brief, and I fear an imperfect accounts has soften formed the subject of medical depertation, that I feel some reluctance in presenting it to the staculty. I am induced to presenting the to the staculty. I am induced to present however, by the refliction, that althe much has been done to elucidate the nature and breakment of labelera Infantism; it is still involved in great doubt and peoplemity and involved in great doubt and peoplemity and involved in great doubt and peoplement any other cause known, particularly in this period biregime around although, I may fail to present my important facts or reflictions, I may peoplely against in directing enquiry to a subject of such vital importance.

To treat the disease in some what of a systematic form, it will be necessary to commence separately into its causes, general mode of attack, symptoms, and treatment I short first thin, give my views of the cause, after briefly

onumerating some of the opinions entertained on this subjects. The cause, to which it is most commonly attributed, is Gentition. This error, however, is now only generals among those uninformed on the subject; and will not require a critical examination and regulation. The fact, that this dis-: sase makes its appearance commonly towards the middle of vum, and disappears as the cool weather of autumn approaches; and, that it is unknown among is at any other persons of the year, is a convincing evidence of the incorrectues of this opinion for if this were the cause, as there is no particular season alsottes for this process, we night calculate on meeting with it in all the deferent reasons of the year. This idea has nodoubt arisen from the desease being more pre-= relent among infants at that age, when the teething process is most active : Towit, from the eighth to the twenty fourth month. Varticular articles of diet, more especially

fruit, as it usually appears at the season when as fruit are in the greatest perfection, and in general use. Thany might be led to suspect this as the most prominent cause.

It will only be necessary, however to remove this impression, to advert to the fact that the disease is very rare among our country children ren who have free accept to fruit at all times; to when it does appear among them, it is usually in low marshy and level countries, where they are much exposed to the heat of the Sun, and regetable exhalation. Few, if any of believe new acritice the complaint to the presence of werms. Let Cheyne, in his treatise on this disease, describedly considered a work of the highest mind, Sums disposed to attribute it to wearing chit. dren injudiciously; although I agree with the Stoctor, in his idea of the parts affected; the som of the disease; and the general plan of treatment; I think, he is in an error in as=

coribing it to this cause. In this neighbourhow, there is relation as summer papers that the desire is not very frequently cause in children, who are still as the breast, and in them that have been meaned four join and inglet months. From this below, which become general after the appearance of elector brights book, mothers in our section of country, by the advice of their of hysicians, weathy wear their children during the wenter, and when their age forties this course, wither continue to their depositions this course, wither continue to warm their age forties this course, wither continue to warm their them during the summer.

In a variety of instances, it has made its appearance in children, two, three, and four your of age. Sepricing children at the early an age of the milk of the mother, bland, mild, and digitable, precediarly fetted to their follow deapstone powers, and foreing on them crude, here your indigestible matter, may, and doubtlefs does, begt

a susceptibility in their linder digistive organs, that renden them peculiarly obnevious to the emposition of the genuine cause of this complaint, which has probably led Dob to adopt this opinion. I am switchen in his commentaries on Docchauces in elaping the causes of Susanha in foron, secretic the complaint in calidren to Soid acrements.

De Gardiner, in his animal according to tributes the Cholina of grown person to heat, and notes into a long statement of facts, deduction, and wasnings, to substantiate the doctron.

There is much plausibility in At Go rewood this subject, but I think, he steps to short. I that he coopered he coconince more critically into the variety of changes, produced on copposed marshy surfaces, and regolable matter, by heat, moisture, to, I do not think he would have been satisfied to ascribe the disease to this cause alone I am inclined to believe, that the boleray

children, proceeds from the same cause or changes, that produce cholera morbus and Diarrhaus of grown persons: in truth, when in an increased degree, the fall fivers of our climate, to wit, a combination of heat, and the peculiar effluria, denominated by different writers, malaria, marsh, or regetable esc halation, miasma, &c. The reasons, which have influenced me in forming this opinion, are It that the cholers commonly makes its appear arance in children just before the belious feour show themselves in grown persons, which may be ascribed to a more imtable state of the habit, and greater susceptibility to imprepions from their tender age 2 nd To the cholera's being more general and veolent in those seasons, when belious fevers mail extensively. 3 de Breaux the same remedies which relieve believes fiver when modefred have done more towards evering this desease, thou any remedial agents of have seen employed. and " as der Cooke in his proze essay contained in

the last number of the medical Recorder, very judiciously remarks; because the remedies employed, almost invariably bring away the same as pork coloured, brown, or coffee grounds looking material, which generally occurs in belious fever, and which, with searce an exception, preceeds amendme. at in both diseases. I have this moment been informed by a goutteman of intelligence and no pectabelity, who has a child about ten months of age, labouring under this desease, that he had intended to take it to a relation's in the country; but had just heard, that all the children in the family were affected in the same manner, and some violently. The situation, to which he contemplated carrying his family is in a low, marshy country, bordering on the Rappa harmock, between twenty and thirty miles below this place, particularly subject to fall fevers. This, with many other facts, of a similar character, corroborates the opinion, which I entertain headarday subject to face meen.

s to the cause of the desease. The desease, being lip prevalent generally in country situations, than whowers, would at first view seem to militate very strongly against this doctrine; but when it s considered, that our towns, particularly, in the outh, are built on water courses, in situations farourably disposed to the generation of miasmatick scholation, that from the denseness of the buildings, free circulation of air is necessarily presented; and Lat on this account, the cause, when generated, continues to act almost without intermission, the fection will loose much of its weight, were it to borate on children in the same uninterrepted mamer in country places I doubt not the same of feets would ensue. This, however, is impossible, from the open and unconfined situations of our country develeings. This cause may, and does, genevally excert at the proper season in such a limited regree, so as by its continued operation to exercise as onsiderable influence on the feeble and initable

habits of children, when it well have no effect on the constitutions of grown people, then the cause becomes more concentrated, and those of more mature age, begin to sink under its withering impulse. Stall fever, with all its varied forms, also allacks the infantile and helpless class of our Society. I feel much gratification in being sustained in this pinion by many of the most respectable medical althorities, among whom , I would mention Les Blush, the considered the desease misplaced face fever. der Dutler, who emphatically cales it Infantice remit tut fever? Ler bleghom, who, in his treates on the diswas of menorca, detailing the order in which the summer and autumnal distempors make their appraise, when this striking remark: Towards the end of June, the young children are attacked with a smiting, lurging, and periodical fever, often of the erratic kind, athour any fixed type. and again there seems thewise to be a near alliance amongst all the discass Bove montioned.

ore consentrated, and three of more ma

There who have the rash or you to great degra money, leable to starter forers, on the other hand, in the barrowy on of startern, those extensions emplies are at the break out. It is choice morries sometimes hath to regular periods, like a terticar, as the farrowy or totions are frequently attended with chairs. Sometimes a testion is changed into a regentery, or a system great service a testion; and when one of these was it is supposed the other often one of these waves is supposed the other often or sue, nor is it was more of or descentance fever to feet of the form of tertions, and for the fits of testions to be regularly recomparied by gropes and stock."

Symptoms. The little patient on frequently sugar without, and previous manifestions of enderpricion, so tendes attention with regular boliva morbus, attended with languar and commonly next thirst; the matter operate, being for the most part thirst; the matter operate, being for the most part the fleeds token in, sometimes tinged with life me governey, and some fines acchiecting the appearance of whey intermised times each little on the appearance of whey intermised

common for describerate favor to pat in the few and third; the matter existed being for the ment with curds that scarcely stain the nophen; at other strongly langed with green; when the ateachs are there is so first seen become protested, and write son relevant, it himses them off in a few days. This is not however the most west made of attack. It most west from the form of a mile diarrham, with occasionally muses at the stomach, grifting, peens, and fretfulness, and there syruptoms are semilimes so slight, as to storact letter

attention until the disease is confirmed. I've appearance of the oracuations have, is postly sunitar to the discharges in the more violent as tacks, but offer a few days continuouse they become slowy and tenged with blook.

The symptoms, in the progress of the denier, are detailed by Ir Ruch in his valuable treaties on this subject, with such accuracy, and force their hope I shall be writted for quoting them. Where I exceed by attack, and the

The spherence of the sequence have so porter

appearance of the matter discharged, he thus continues: "The pull is quick and weak; the head is unusually warm; while the extrimities retain their natural heat or incline to be cold. The fever is of the remitting kind, and discovers evident exacerbations, especially in the evenings. The disease affects the head so much, as in some instances to produce symptoms, not only of delinum, but of mania, insomuch that the children Throw their heads backwards and farwards, and som elimes attempt to scratch, and bite their parents, musses, and even themselves. a sweleing frequently occurs in the abdomen, and in the face and limbs. an intense thirst attends every stage of the disserve. The eyes appear languid and hollow, and the chiedren generally sleep with them half closed. Duch is the insensibility of the system in some instances in this desease, that flies have been seen to alight upon the eyes when open, without exceiting a motion in the exclids to remove them. Sometimes the rometing continues without the

purging, but more generally the purging continues. thout the voniting, through the whole course of the disease. The stools are frequently large, and evelvevery feted, but in some instances they are without mele, and resemble drunks and aliments, which have our taken into the body. The desease is sometimes total in a few days. I once it carry off a cheld in four and twenty hours. Its duration is varied by the reason of the year, and by the changes in the temparature of the weather. a cool day frequently absto its reclince, and desposes it to a favourable termination It often continues, with occasional variations in to appearance, for six weeks or two months. Where the desease has been of long continuance, the spproach of death is gradual and attended by an number of distressing symptoms. An emociation of the body to such a degree, as that the bones come through the skin, livid spots, a singulties, convulsions, estrongly marked hippocratic countenance, and a in mouth, generally precede the folal termination

I the decree. The children ever recover, after the last symplems which have been mentioned make their appearance.

In the treatment of this complaint, I am you to be competed to acknowledge that almost equal amounty and uncertainty exists, as involves the cause. The most approved method now in use, in the hands the most shiffed and judicious practitioner, too the pails to procure relect. Perhaps no case courts, when the force of coursept has some more mis chief then in the management of this affection.

The course first chalked out for its our embred at the alkaline and ant acid immedies, with speece and Theuters. This plan was adopted no could from meronous edea of its cruek, originating probably born the acids state of the matter declaraged in the busses, and at though so were many go down to the your, and at though so were many go down to the your, under the most rigid ad heavenes to this bond you, where the is as astonishing as it is lamentable, that its constitutes the chief curative means in the

from the said state of the sister duranteed States and all hours so wery marry so down to the 2000 bonds of a root majority of Praditioners of the present day.
And I much few quite continue to constitute the presumment relieves of confinence with factority, developed Under the best mode of treatment fritures frequently occur. I think this is in some measure without the this term measure without the the fittering meture of the descare, there in a set of our quark and residence quives in mother in use us of our quark and residence quives in mother is attention.

When the attack first show itself an amile of force should be administered until be continued extend by the circumstances of the conservable open thus made in the livery of honous not, but viteated believemented in unquistionably brought off by a catherie with more containty after their by a catherine without or of an inetic of the attachment of the surface, and what is finished, more importance sit removes from the case the stomach much visited master, which costs them we provents the effect of our mestician.

The stomach being the organ upon which all our unedies whilitied internally make their impressions,

which by sympathy, are extended throughout the systimich is obvious, that whilst its exist are leased ath rescied mucous, we must fate in producing as eight of the doctrine of sympathy, as taught by super for Chapman is as hilited in this affection. It is mentioned by sir Mush when speaking of the doct of country air on children labouring under this mylaint. It is entimely agreed to see the little affects receive as soon as they ascape from the city are; as inspire the four air of the country?

The effect here described as being immediate, no men can suppose that the absorption of the air williase the effect it is nothing more than an absting the presence what a constantly operation at he sensitive so had a children, produce medication as he sensitive organs of children, produce medication web, through the medicine of sympethysic extended the my foot of the system; for sensor before that at the recent day any are to be found so hordy as to continue their measurables made and a special so the free through

the absorbent egotim. After the emetic has operated, a done of calcules should be given, and its effect particularly notice. If the declarges also their appearance, and of some that a surprise of the symptoms will occur. The break complaint will ease constitutes for see, eight, and tan hours, and the child will remove, on see, eight, and for the same bound cours, and the child will remove, an every respect seem better under these accounts never a strong respect seem better under these accounts never a strong phould be administered, and if it has a lendency to run off by the bowles a few drops of Guessiam may be added. This simple plan has succeeded in several instance in arresting, the complaint in tele

Threed the attack come on in the form of choices merhanith emitic mary desponsed with, and such remedia both internet and continued, as hore a tendency to relieve musea, wed; among the first, may be enumerated with mint gulep, lime water alone or with new mith, Law-dimentary where accidety preview, I have seen a solution of soda, with oil of anseed, produce the most marked

temper. A dare of balance, with a few dispers tauconum, ander there circumstances, well frequently arest the pulmy when most of the other remarker face. The extension encourse prombles were blanced with compherates appoint, or Laudanum apapead over the absence of acceptance of operation, with compher, disposed region; a placeter of operation, with compher, disposed in some accounts liquid on the temach; or, if the symptome are expected a lister should be conven. Often the symptome are expected a lister should be conven. Often the system has an owne degree necessary from the first shock, if calende has not been adminished, a dose should be given and if the consequences ensure a love mentioned, the Sonic plane communicate immediately, and the patient transference to a more healthy situation.

Thouse therman fait, and the disease aprume more actionines shape, small pertions of catomet may be given morning, noon, and neight, combined with tret Ipt in as imall bath as populates for where the portion is large, with is aft to be excited, and when once brought on by any cause, it is difficult to remove. Where the stomach is not too initially, a small portion of Specie may be com-

lined with the calonel . The colonel is given under a belief, that not only the liver, but most of the glands in the vicinity of the intestinal canal are desordered in their action and ne quire an alterative to effect a healthy restoration during the we of the remedy; particular attention should be paid to the nature and appearance of the dijections, and when they as sume a dark or brown appearance, and some consistence an commendment of the health will soon be manufest. as awritings to the calonel plan, a variety of remedies may be employed to Sonate unpleasant symptoms as vecur. If aparients are necesvery to offensive matter, that may be supposed to have acunulated, Rhubart, calcund magnisia, or an increased in variety of calonel may be ajour; and to obriste the pain and griping which attender, when the discharges are mined with sucres and bloody injections of liquid starch, flare seed tea, or mutton broth with Lanca muse will have a good effect in alleging the irritation, and quicting the symptoms. In the state of the bowels, the Specac is a reluable auxileary. There has an so much said on the diet, in this complaint, that I shall prop it over he last and most important remedy, I shall mention is pure country

